

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office		Atty Docket No. P1105R1D1C1	Serial No. 09/940,166
DEC 03 2001 PATENT AND TRADEMARK OFFICE		LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)		Applicant Blank et al.	
				Filing Date 27 Aug 2001	Group

## U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
✓	* 1	4,007,113	08.02.77	Ostreicher, E.A.	1	1	RECEIVED
	* 2	4,305,782	15.12.81	Ostreicher et al.	1	1	DEC 11 2001
	* 3	4,604,208	05.08.86	Chu et al.	1	1	TECH CENTER 1600/2000
	* 4	4,676,980	30.06.87	Segal et al.	1	1	
	* 5	4,816,567	28.03.89	Cabilly et al.	1	1	
	* 6	4,849,352	18.07.89	Sullivan et al.	1	1	
	* 7	5,115,101	19.05.92	Bloom, J. W. et al.	1	1	
	* 8	5,429,746	04.07.95	Shadle et al.	1	1	
	* 9	5,470,954	28.11.95	Neslund, G. G. et al.	1	1	
	*10	5,534,615	09.07.96	Baker et al.	1	1	
	*11	5,591,828	07.01.97	Bosslet, K. et al.	1	1	
	*12	6,121,022	19.09.00	Presta, et al.	1	1	

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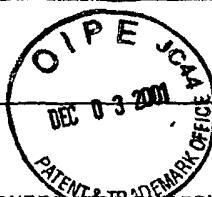
Examiner Initials		Document Number	Date	Country	Class	Subclass	Translation Yes No
✓	*13	0,003,089 A1	25.07.79	EPO (ENGLISH ABSTRACT ATTACHED)	1	1	
	*14	127,737	12.12.84	EPO	1	1	
	*15	WO 90/11814	18.10.90	PCT	1	1	
	*16	WO 91/00360	10.01.91	PCT	1	1	
	*17	WO 92/20373	26.11.92	PCT	1	1	
	*18	WO 93/08829	13.05.93	PCT	1	1	
	*19	WO 93/11161	10.06.93	PCT	1	1	
	*20	WO 93/11162	10.06.93	PCT	1	1	
	*21	WO 93/16185	19.08.93	PCT	1	1	
	*22	WO 94/04690	03.03.94	PCT	1	1	
	*23	WO 96/27011	06.09.96	PCT	1	1	

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

✓	*24	Brennan et al., "Preparation of bispecific antibodies by chemical recombination of monoclonal immunoglobulin G <sub>1</sub> fragments" <i>Science</i> 229:81-83 (July 1985)
✓	*25	Bruggemann et al., "Designer Mice: The Production of Human Antibody Repertoires in Transgenic Animals" <i>Year in Immunology</i> 7:33-40 (1993)
✓	*26	Carter et al., "High level Escherichia coli expression and production of a bivalent humanized antibody fragment" <i>Bio/Technology</i> 10:163-167 (1992)
✓	*27	Carter, P. et al., "Humanization of an anti-p185HER2 antibody for human cancer therapy" <i>Proc. Natl. Acad. Sci.</i> 89:4285-4289 (1992)
✓	*28	Clackson et al., "Making antibody fragments using phage display libraries" <i>Nature</i> 352:624-628 (1991)

Examiner <i>David A. Saunders</i>	Date Considered <i>10/15/03</i>
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*30	Duchosal et al., "Immunization of hu-PBL-SCID mice and the rescue of human monoclonal Fab fragments through combinatorial libraries" <u>Nature</u> 355(6357):258-262 (Jan 16, 1992)				
*31	Gruber et al., "Efficient Tumor Cell Lysis Mediated by a Bispecific Single Chain Antibody Expressed in <u>Escherichia Coli</u> " <u>Journal of Immunology</u> 152:5368-5374 (1994)				
*32	Holliger et al., "Diabodies": Small Bivalent and Bispecific Antibody Fragments" <u>Proc. Natl. Acad. Sci. USA</u> 90:6444-6448 (Jul 1993)				
*33	Jakobovits et al., "Analysis of Homozygous Mutant Chimeric Mice: Deletion of the Immunoglobulin Heavy-Chain Joining Region Blocks B-cell Development and Antibody Production" <u>Proc. Natl. Acad. Sci. USA</u> 90:2551-2555 (March 1993)				
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*38	Marks et al., "By-Passing Immunization: Building High Affinity Human Antibodies by Chain Shuffling" <u>Bio/Technology</u> 10:779-783 (1992)				
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*41	Milstein and Cuello, "Hybrid Hybridomas and Their Use in Immunohistochemistry" <u>Nature</u> 305:537-540 (Oct 1983)				
*42	Morimoto et al., "Single-step purification of F(ab') <sub>2</sub> fragments of mouse monoclonal antibodies (immunoglobulins G1) by hydrophobic interaction high performance liquid chromatography using TSKgel Phenyl-5PW" <u>Journal of Biochemical and Biophysical Methods</u> 24:107-117 (1992)				
*43	Morrison et al., "Chimeric Human Antibody Molecules: Mouse Antigen-binding Domains with Human Constant Region Domains" <u>Proc. Natl. Acad. Sci. USA</u> 81:6851-6855 (November 1984)				
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*46	Presta et al., "Humanization of an Antibody Directed Against IgE" <u>J. Immunol.</u> 151(5):2623-2632 (September 1, 1993)				
*47	Reif et al., "Characterization and application of strong ion-exchange membrane adsorbers as stationary phases in high-performance liquid chromatography of proteins" <u>Journal of Chromatography A</u> 654:29-41 (1993)				
*48	Sahni et al., "Proteosynthetic activity of immobilized <u>Staphylococcus aureus</u> V8 protease: application in the semisynthesis of molecular variants of $\alpha$ -globin" <u>Analytical Biochemistry</u> 193(2):178-185 (Mar 2, 1991)				
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		Blank et al.		Filing Date	Group
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*53	Voyksner et al., "Optimization of immobilized enzyme hydrolysis combined with high-performance liquid chromatography/thermospray mass spectrometry for the determination of neuropeptides" <i>Analytical Biochemistry</i> 188(1):72-81 (Jul 1990)				
*54	Waterhouse et al., "Combinatorial infection and in vivo recombination: a strategy for making large phage antibody repertoires" <i>Nucleic Acids Research</i> 21:2265-2266 (1993)				
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